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## C-A OPERATIONS PROCEDURES MANUAL

### ATTACHMENT

#### 4.120.3.b 4 O'CLOCK ( PEER 9 ) GATE TESTS FROM LOCAL PANEL

C-A-OPM Procedures in which this Attachment is used.		
4.120.3		

#### Hand Processed Changes

<u>HPC No.</u>	<u>Date</u>	<u>Page Nos.</u>	<u>Initials</u>
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Approved: \_\_\_\_\_ *Signature on File* \_\_\_\_\_  
 Collider-Accelerator Department Chairman Date

V. Castillo

C-A-OPM-ATT 4.120.3.b (Y)

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Revision 01  
 April 20, 2006

#### 4.120.3.b 4 O’CLOCK ( PEER 9 ) GATE TESTS FROM LOCAL PANEL

### PASS ANNUAL ACCEPTANCE TEST PROTOCOL

Division A Software Filename and Checksum: Title:\_\_\_\_\_ Checksum: \_\_\_\_\_

Division B Software Filename and Checksum: Title:\_\_\_\_\_ Checksum: \_\_\_\_\_

**Initial testing complete:**

Test Team Leader’s Name (Print): \_\_\_\_\_ Life Number: \_\_\_\_\_

Test Team Leader’s Name (Sign): \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

**Acceptance test procedure complete (following repairs and retesting if required):**

Test Team Leader’s Name (Print): \_\_\_\_\_ Life Number: \_\_\_\_\_

Test Team Leader’s Name (Sign): \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

**Test results reviewed by:**

Safety Section Head’s Name (Print): \_\_\_\_\_ Life Number: \_\_\_\_\_

Safety Section Head’s Name (Sign): \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

**Test results accepted by Radiation Safety Committee:**

RSC Member’s Name (Print): \_\_\_\_\_ Life Number: \_\_\_\_\_

RSC Member’s Name (Sign): \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

### 1.1 Test of Reset retention with change of modes

- |                          |   |   |                |
|--------------------------|---|---|----------------|
| <input type="checkbox"/> | <b>VERIFY</b>   | <b>Transfer Key</b> is in <b>local</b> panel and <b>captured</b>  |                |
| <input type="checkbox"/> | <b>PLACE</b>  | <b>Peer 9</b> in <b>Controlled Access (Mode 18)</b>   |                |
| <input type="checkbox"/> | <b>VERIFY</b>   | <b>Peer 9</b> is in   | <b>MODE 18</b> |
| <input type="checkbox"/> | <b>RESET</b>  | <b>Gates:</b> 3GI1, 3EL1, 4GE1, 4GE2, 4MD1, 4MD2 and 4GI1 with <b>#11 sweep key</b>   |                |
| <input type="checkbox"/> | <b>VERIFY</b>   | Gates: <input type="checkbox"/> 3GI1, <input type="checkbox"/> 3EL1, <input type="checkbox"/> 4GE1, <input type="checkbox"/> 4GE2, <input type="checkbox"/> 4MD1, <input type="checkbox"/> 4MD2 and <input type="checkbox"/> 4GI1 are       | <b>RESET</b>   |
|                          | <b>PLACE</b>  | <b>Peer 9</b> in <b>Restricted Access (Mode 9)</b>  |                |
| <input type="checkbox"/> | <b>VERIFY</b>   | <b>Peer 9</b> is in   | <b>MODE 9</b>  |
| <input type="checkbox"/> | <b>VERIFY</b>   | Gates: <input type="checkbox"/> 3GI1, <input type="checkbox"/> 3EL1, <input type="checkbox"/> 4GE1, <input type="checkbox"/> 4GE2, <input type="checkbox"/> 4MD1, <input type="checkbox"/> 4MD2 and <input type="checkbox"/> 4GI1 are still | <b>RESET</b>   |
|                          | <b>PLACE</b>  | <b>Peer 9</b> in <b>Safe Access (Mode 1)</b>  |                |
| <input type="checkbox"/> | <b>VERIFY</b>   | <b>Peer 9</b> is in   | <b>MODE 1</b>  |
| <input type="checkbox"/> | <b>VERIFY</b>   | Gates: <input type="checkbox"/> 3GI1, <input type="checkbox"/> 3EL1, <input type="checkbox"/> 4GE1, <input type="checkbox"/> 4GE2, <input type="checkbox"/> 4MD1, <input type="checkbox"/> 4MD2 and <input type="checkbox"/> 4GI1 are still | <b>RESET</b>   |
| <input type="checkbox"/> | <b>Check for acceptance of Test of Reset retention with change of modes</b> |   |                |

### 1.2 Test of INNER GATE at 3GI1

- |                          |               |   |                   |
|--------------------------|---------------|---|-------------------|
| <input type="checkbox"/> | <b>VERIFY</b> | <b>INNER</b> Gate at <b>3GI1</b> has been inspected   |                   |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>PEER 11</b> is in <b>Restricted Access</b>   | <b>MODE 8</b>     |
| <input type="checkbox"/> | <b>PLACE</b>  | <b>PEER 9</b> in <b>Safe Access (MODE 1)</b>  |                   |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>PEER 9</b> is in <b>Safe Access</b>  | <b>MODE 1</b>     |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>Local control Panel (LCP)</b> sees gate <b>3GI1</b>  | <b>NOT RESET</b>  |
| <input type="checkbox"/> | <b>VERIFY</b> | Attempt to open <b>3GI1</b> with <b>keys:: S</b> <input type="checkbox"/> , <b>#11</b> <input type="checkbox"/> | <b>FAIL</b>       |
| <input type="checkbox"/> | <b>VERIFY</b> | Attempt to <b>Reset</b> gate with <b>#11</b> key  | <b>FAIL</b>       |
| <input type="checkbox"/> | <b>VERIFY</b> | Attempt to open <b>4GE1</b> with <b>Blue card</b> is  | <b>FAIL</b>       |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>During</b> attempt with <b>Blue Card Reader light</b> is   | <b>Green</b>      |
| <input type="checkbox"/> | <b>VERIFY</b> | Attempt to open <b>4GE1</b> with <b>Expt. ( )</b> card  | <b>FAIL</b>       |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>During</b> attempt with <b>Expt. Card Reader light</b> is  | <b>Red</b>        |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>3GI1</b> gate <b>Reset</b> light is  | <b>OFF</b>        |
|                          | <b>PLACE</b>  | <b>PEER 9</b> in <b>Restricted Access (MODE 9)</b>  |                   |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>PEER 9</b> is in <b>Restricted Access</b>  | <b>MODE 9</b>     |
| <input type="checkbox"/> | <b>VERIFY</b> | Attempt to open <b>3GI1</b> with <b>keys: S</b> <input type="checkbox"/> , <b>#11</b> <input type="checkbox"/>  | <b>SUCCESSFUL</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | Attempt to open <b>3GI1</b> with <b>Blue Card</b>   | <b>SUCCESSFUL</b> |
|                          | <b>CLOSE</b>  | Gate <b>3GI1</b>  |                   |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>Local Control Panel (LCP)</b> sees the gate is   | <b>NOT RESET</b>  |
| <input type="checkbox"/> | <b>VERIFY</b> | The <b>3GI1</b> Gate <b>Reset</b> light is  | <b>OFF</b>        |
|                          | <b>PLACE</b>  | <b>PEER 9</b> in <b>Controlled Access (MODE 18)</b>   |                   |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>PEER 9</b> is in <b>Controlled Access</b>  | <b>MODE 18</b>    |
|                          | <b>RESET</b>  | The gate with <b>#11 RF Sweep Key</b> at <b>3GI1</b> inner gate box   |                   |

- |                          |               |   |                  |
|--------------------------|---------------|---|------------------|
| <input type="checkbox"/> | <b>VERIFY</b> | <b>LCP</b> sees gate                              | <b>RESET</b>     |
| <input type="checkbox"/> | <b>VERIFY</b> | The <b>3GI1</b> gate <b>Reset</b> light is        | <b>ON</b>        |
|                          | <b>OPEN</b>   | Gate <b>3GI1</b>                                  |                  |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>Local Control Panel (LCP)</b> sees the gate is | <b>NOT RESET</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | The <b>3GI1</b> Gate <b>Reset</b> light is        | <b>OFF</b>       |
|                          | <b>CLOSE</b>  | Gate <b>3GI1</b>                                  |                  |
- ☐ **CHECK** for test acceptance of **INNER GATE** at **3GI1**

### 1.3 Test ESCAPE DOOR at 3EL1

- |                          |               |   |                  |
|--------------------------|---------------|---|------------------|
|                          | <b>PLACE</b>  | <b>PEER 9</b> in <b>Controlled Access (MODE 18)</b>           |                  |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>PEER 9</b> is in <b>Controlled Access</b>                  | <b>MODE 18</b>   |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>LCP</b> sees the door is                                   | <b>NOT RESET</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | The <b>3EL1</b> Door <b>Reset</b> light is                    | <b>OFF</b>       |
|                          | <b>RESET</b>  | The Door with <b>#11 RC</b> Sweep key at <b>3EL1</b> gate box |                  |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>LCP</b> sees the <b>3EL1</b> door is                       | <b>RESET</b>     |
| <input type="checkbox"/> | <b>VERIFY</b> | The <b>3EL1</b> Door <b>Reset</b> light is                    | <b>ON</b>        |
|                          | <b>OPEN</b>   | The door  |                  |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>LCP</b> sees the door is                                   | <b>NOT RESET</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | The <b>3EL1</b> gate box Gate <b>Reset</b> light is           | <b>OFF</b>       |
|                          | <b>CLOSE</b>  | The door and latch the <b>Security Bar</b>                    |                  |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>LCP</b> sees the door is                                   | <b>NOT RESET</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | The <b>3EL1</b> gate box Gate <b>Reset</b> light is           | <b>OFF</b>       |
- 
- |                          |               |  |               |
|--------------------------|---------------|--|---------------|
|                          | <b>PLACE</b>  | <b>PEER 9</b> in <b>Safe Access (MODE 1)</b>     |               |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>PEER 9</b> is in <b>Safe Access</b>           | <b>MODE 1</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | Attempt to <b>reset 3EL1</b> with <b>#11</b> key | <b>FAIL</b>   |
- 
- |                          |               |  |               |
|--------------------------|---------------|--|---------------|
|                          | <b>PLACE</b>  | <b>PEER 9</b> in <b>Restricted Access (MODE 9)</b> |               |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>PEER 9</b> is in <b>Restricted Access</b>       | <b>MODE 9</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | Attempt to <b>reset 3EL1</b> with <b>#11</b> key   | <b>FAIL</b>   |

- ☐ **CHECK** for test acceptance of **ESCAPE DOOR** at **3EL1**

### 1.4 Test of TRENCH GATE at 4MD1

- |                          |               |   |                  |
|--------------------------|---------------|---|------------------|
|                          | <b>PLACE</b>  | <b>PEER 9</b> in <b>Controlled Access (MODE 18)</b> |                  |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>PEER 9</b> is in <b>Controlled Access</b>        | <b>MODE 18</b>   |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>LCP</b> sees the gate is                         | <b>NOT RESET</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | The gate box <b>Gate Reset</b> light is             | <b>OFF</b>       |
|                          | <b>RESET</b>  | The gate with <b>#11 RF</b> Sweep key               |                  |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>LCP</b> sees the gate is                         | <b>RESET</b>     |
| <input type="checkbox"/> | <b>VERIFY</b> | The gate box <b>Gate Reset</b> light is             | <b>ON</b>        |
|                          | <b>OPEN</b>   | The gate  |                  |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>LCP</b> sees the gate is                         | <b>NOT RESET</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | The gate box Gate <b>Reset</b> light is             | <b>OFF</b>       |
|                          | <b>CLOSE</b>  | The gate  |                  |
- 
- |                          |               |  |               |
|--------------------------|---------------|--|---------------|
|                          | <b>PLACE</b>  | <b>PEER 9</b> in <b>Safe Access (MODE 1)</b>     |               |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>PEER 9</b> is in <b>Safe Access</b>           | <b>MODE 1</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | Attempt to <b>reset 4MD1</b> with <b>#11</b> key | <b>FAIL</b>   |

**PLACE** **PEER 9** in **Restricted Access (MODE 9)**

- |                          |   |  |               |
|--------------------------|---|--|---------------|
| <input type="checkbox"/> | <b>VERIFY</b>   | <b>PEER 9</b> is in <b>Restricted Access</b>     | <b>MODE 9</b> |
| <input type="checkbox"/> | <b>VERIFY</b>   | Attempt to <b>reset 4MD1</b> with <b>#11</b> key | <b>FAIL</b>   |
| <input type="checkbox"/> | <b>CHECK</b> for test acceptance of <b>TRENCH GATE</b> at <b>4MD1</b> |  |               |

### 1.5 Test of ENTRY GATE at 4GE1

- |                          |  |  |                   |
|--------------------------|--|--|-------------------|
| <input type="checkbox"/> | <b>VERIFY</b>  | <b>INNER</b> Gate at <b>4GE1</b> has been inspected  |                   |
|                          | <b>PLACE</b>   | <b>PEER 9</b> in <b>Controlled Access (MODE 18)</b>  |                   |
| <input type="checkbox"/> | <b>VERIFY</b>  | <b>PEER 9</b> is in <b>Controlled Access</b>   | <b>MODE 18</b>    |
| <input type="checkbox"/> | <b>VERIFY</b>  | The warning light on the <b>inside</b> of the gate indicates:<br><b>* Stop Call MCR For EXIT x-7400 Stop (Red)</b> | <b>ON</b>         |
| <input type="checkbox"/> | <b>VERIFY</b>  | The <b>Exterior</b> gate box <b>Controlled Access</b> light is   | <b>ON</b>         |
|                          | <b>RESET</b>   | The gate with <b>#11 RF Sweep</b> key at the <b>interior</b> gate box  |                   |
| <input type="checkbox"/> | <b>VERIFY</b>  | LCP sees the gate is   | <b>RESET</b>      |
| <input type="checkbox"/> | <b>VERIFY</b>  | The <b>4GE1</b> gate box Gate <b>Reset</b> light is  | <b>ON</b>         |
|                          | <b>OPEN</b>  | The gate   |                   |
| <input type="checkbox"/> | <b>VERIFY</b>  | LCP sees the gate is   | <b>NOT RESET</b>  |
| <input type="checkbox"/> | <b>VERIFY</b>  | The <b>4GE1</b> gate box Gate <b>Reset</b> light is  | <b>OFF</b>        |
|                          | <b>CLOSE</b>   | The gate   |                   |
|                          | <b>PLACE</b>   | <b>PEER 9</b> in <b>Restricted Access (Mode 8)</b>   |                   |
| <input type="checkbox"/> | <b>VERIFY</b>  | <b>PEER 9</b> is in <b>Restricted Access</b>   | <b>MODE 8</b>     |
| <input type="checkbox"/> | <b>VERIFY</b>  | The <b>Exterior</b> gate box <b>Restricted Access</b> light is   | <b>ON</b>         |
| <input type="checkbox"/> | <b>VERIFY</b>  | The warning lights on both sides of the gate indicate:<br><b>Call MCR for Crossover (Amber)</b>                    | <b>OFF</b>        |
|                          | <b>OPEN</b>  | Gate <b>4GE1</b> from gate box with the <b>S</b> key   |                   |
| <input type="checkbox"/> | <b>VERIFY</b>  | <b>Tester</b> sees gate <b>4GE1</b> is   | <b>OPEN</b>       |
|                          | <b>OPEN</b>  | Gate <b>4GE1</b> with the <b>#10</b> key   |                   |
| <input type="checkbox"/> | <b>VERIFY</b>  | <b>Tester</b> sees gate <b>4GE1</b> is   | <b>OPEN</b>       |
|                          | <b>CLOSE</b>   | Gate <b>4GE1</b>   |                   |
| <input type="checkbox"/> | <b>VERIFY</b>  | Attempt to open <b>4GE1</b> with <b>Blue card</b> is   | <b>SUCCESSFUL</b> |
| <input type="checkbox"/> | <b>VERIFY</b>  | Attempt to open <b>4GE1</b> with <b>Expt. ( ) card</b>   | <b>FAIL</b>       |
| <input type="checkbox"/> | <b>VERIFY</b>  | During attempt with <b>Expt. Card Reader light</b> is  | <b>Red</b>        |
|                          | <b>PLACE</b>   | <b>PEER 9</b> in <b>Safe Access (Mode 1)</b>   |                   |
| <input type="checkbox"/> | <b>VERIFY</b>  | <b>PEER 9</b> is in <b>Safe Access</b>   | <b>MODE 1</b>     |
| <input type="checkbox"/> | <b>VERIFY</b>  | The <b>Exterior</b> gate box <b>Controlled Access</b> light is   | <b>ON</b>         |
| <input type="checkbox"/> | <b>VERIFY</b>  | The warning light on <b>inside</b> of the gate indicates:<br><b>CALL LCP FOR EXIT AMBER</b>                        | <b>ON</b>         |
| <input type="checkbox"/> | <b>CHECK</b> for test acceptance of <b>ENTRY GATE</b> at <b>4GE1</b> |  |                   |

### 1.6 Test of TRENCH GATE at 4MD2

- |                          |               |   |                  |
|--------------------------|---------------|---|------------------|
| <input type="checkbox"/> | <b>VERIFY</b> | Gate has been inspected                             |                  |
|                          | <b>PLACE</b>  | <b>PEER 9</b> in <b>Controlled Access (MODE 18)</b> |                  |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>PEER 9</b> is in <b>Controlled Access</b>        | <b>MODE 18</b>   |
|                          | <b>OPEN</b>   | The gate  |                  |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>Tester</b> sees gate <b>4MD2</b> is              | <b>OPEN</b>      |
|                          | <b>CLOSE</b>  | The gate  |                  |
| <input type="checkbox"/> | <b>VERIFY</b> | LCP sees the gate is                                | <b>NOT RESET</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | The gate box Gate Reset light is                    | <b>OFF</b>       |
|                          | <b>RESET</b>  | The gate with <b>#11 RF Sweep</b> key               |                  |
| <input type="checkbox"/> | <b>VERIFY</b> | LCP sees the gate is                                | <b>RESET</b>     |
| <input type="checkbox"/> | <b>VERIFY</b> | The gate box Gate Reset light is                    | <b>ON</b>        |
|                          | <b>OPEN</b>   | The gate  |                  |
| <input type="checkbox"/> | <b>VERIFY</b> | LCP sees the gate is                                | <b>NOT RESET</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | The gate box Gate Reset light is                    | <b>OFF</b>       |
|                          | <b>CLOSE</b>  | The gate  |                  |
- ☐ **CHECK** for test acceptance of **TRENCH GATE** at **4MD2**

### 1.7 Test of ENTRY GATE at 4GE2

- |                          |               |  |                   |
|--------------------------|---------------|--|-------------------|
| <input type="checkbox"/> | <b>VERIFY</b> | <b>ENTRY</b> Gate at <b>4GE2</b> has been inspected  |                   |
|                          | <b>PLACE</b>  | <b>PEER 9</b> in <b>Controlled Access (MODE 18)</b>  |                   |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>PEER 9</b> is in <b>Controlled Access</b>   | <b>MODE 18</b>    |
| <input type="checkbox"/> | <b>VERIFY</b> | The warning light on <b>inside</b> of the gate indicates:<br><b>Stop Call MCR for EXIT x-7400 Stop (Red)</b> | <b>ON</b>         |
| <input type="checkbox"/> | <b>VERIFY</b> | The <b>Exterior</b> gate box <b>Controlled Access</b> light is   | <b>ON</b>         |
|                          | <b>OPEN</b>   | Gate <b>4GE2</b> with <b>Simultaneous Release</b> and <b>#10 RF CA Key</b>                                   |                   |
| <input type="checkbox"/> | <b>VERIFY</b> | Simultaneous Release <b>Buzzer</b> <input type="checkbox"/> and <b>Light</b> <input type="checkbox"/>        | <b>ON</b>         |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>Tester</b> sees gate <b>4GE2</b> is   | <b>OPEN</b>       |
| <input type="checkbox"/> | <b>VERIFY</b> | LCP sees the gate is   | <b>NOT RESET</b>  |
|                          | <b>CLOSE</b>  | The gate   |                   |
| <input type="checkbox"/> | <b>VERIFY</b> | LCP sees the gate is   | <b>NOT RESET</b>  |
| <input type="checkbox"/> | <b>VERIFY</b> | The gate box Gate Reset light is   | <b>OFF</b>        |
|                          | <b>RESET</b>  | The gate with <b>#11 RF Sweep</b> key at <b>4GE2</b> gate box  |                   |
| <input type="checkbox"/> | <b>VERIFY</b> | LCP sees the gate is   | <b>RESET</b>      |
| <input type="checkbox"/> | <b>VERIFY</b> | The <b>4GE2</b> gate box Gate Reset light is   | <b>ON</b>         |
|                          | <b>OPEN</b>   | The gate   |                   |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>Tester</b> sees gate <b>4GE2</b> is   | <b>OPEN</b>       |
| <input type="checkbox"/> | <b>VERIFY</b> | The <b>4GE2</b> gate box Gate Reset light is   | <b>OFF</b>        |
|                          | <b>CLOSE</b>  | The gate   |                   |
|                          | <b>PLACE</b>  | <b>PEER 9</b> in <b>Restricted Access (Mode 9)</b>   |                   |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>PEER 9</b> is in <b>Restricted Access</b>   | <b>MODE 9</b>     |
| <input type="checkbox"/> | <b>VERIFY</b> | The <b>Exterior</b> gate box <b>Restricted Access</b> light is   | <b>ON</b>         |
| <input type="checkbox"/> | <b>VERIFY</b> | The warning light on <b>inside</b> of the gate indicates:<br><b>ACCESS PERMITTED GREEN</b>                   | <b>ON</b>         |
|                          | <b>OPEN</b>   | Gate <b>4GE2</b> with the <b>S</b> key   |                   |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>Tester</b> sees gate <b>4GE2</b> is   | <b>OPEN</b>       |
|                          | <b>OPEN</b>   | Gate <b>4GE2</b> with the <b>#10 RC CA</b> key   |                   |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>Tester</b> sees gate <b>4GE2</b> is   | <b>OPEN</b>       |
|                          | <b>CLOSE</b>  | Gate <b>4GE2</b>   |                   |
| <input type="checkbox"/> | <b>VERIFY</b> | Attempt to open <b>4GE1</b> with <b>Blue card</b> is   | <b>SUCCESSFUL</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | Attempt to open <b>4GE1</b> with <b>Expt. (_____)</b>  | <b>FAIL</b>       |

- |                          |                              |  |               |
|--------------------------|------------------------------|--|---------------|
| <input type="checkbox"/> | <b>VERIFY</b>                | <b>card</b><br><b>During</b> attempt with <b>Expt. Card Reader light</b> is  | <b>Red</b>    |
|                          | <b>PLACE</b>                 | <b>PEER 9</b> in <b>Safe Access (Mode 1)</b>   |               |
| <input type="checkbox"/> | <b>VERIFY</b>                | <b>PEER 9</b> is in <b>Safe Access</b>   | <b>MODE 1</b> |
| <input type="checkbox"/> | <b>VERIFY</b>                | The <b>Exterior</b> gate box <b>Controlled Access</b> light is   | <b>ON</b>     |
| <input type="checkbox"/> | <b>VERIFY</b>                | The warning light on <b>inside</b> of the gate indicates:<br><b>* Stop Call MCR For EXIT x-7400 Stop</b><br><b>AMBER</b>                                 | <b>ON</b>     |
| <input type="checkbox"/> | <b>OPEN</b><br><b>VERIFY</b> | Gate <b>4GE2</b> with <b>Simultaneous Release</b> and <b>S Key</b><br>Attempt to open gate <b>4GE2</b> with <b>Simultaneous Release</b> and <b>S Key</b> | <b>FAIL</b>   |
|                          | <b>OPEN</b>                  | Gate <b>4GE2</b> with <b>Simultaneous Release</b> and <b>#10 RF CA Key</b>   |               |
| <input type="checkbox"/> | <b>VERIFY</b>                | <b>Tester</b> sees gate <b>4GE2</b> is   | <b>OPEN</b>   |
|                          | <b>CLOSE</b>                 | Gate <b>4GE2</b>   |               |
| <input type="checkbox"/> | <b>CHECK</b>                 | for test acceptance of <b>ENTRY GATE</b> at <b>4GE2</b>  |               |

#### 1.8 Test of INNER GATE at 4GI1

- |                          |               |   |                  |
|--------------------------|---------------|---|------------------|
| <input type="checkbox"/> | <b>VERIFY</b> | <b>INNER</b> Gate at <b>4GI1</b> has been inspected   |                  |
|                          | <b>PLACE</b>  | <b>PEER 9</b> in <b>Controlled Access (MODE 18)</b>   |                  |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>PEER 9</b> is in <b>Controlled Access</b>  | <b>MODE 18</b>   |
| <input type="checkbox"/> | <b>VERIFY</b> | The warning lights and <b>LED message</b> on <b>both</b> sides of the gate indicate:<br><b>*Stop Call MCR For Exit x-7400 Stop</b> <b>Red</b> | <b>ON</b>        |
| <input type="checkbox"/> | <b>VERIFY</b> | The <b>4Z2</b> gate box <b>Restricted Access</b> light is   | <b>ON</b>        |
| <input type="checkbox"/> | <b>VERIFY</b> | LCP sees the gate is  | <b>NOT RESET</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | Attempt to open <b>4GE1</b> with <b>Blue card</b> is  | <b>FAIL</b>      |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>During</b> attempt with <b>Blue Card Reader light</b> is   | <b>Green</b>     |
| <input type="checkbox"/> | <b>VERIFY</b> | Attempt to open <b>4GE1</b> with <b>Expt. (_____)</b><br><b>card</b>  | <b>FAIL</b>      |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>During</b> attempt with <b>Expt. Card Reader light</b> is  | <b>Red</b>       |
| <input type="checkbox"/> | <b>VERIFY</b> | The <b>4Z1</b> gate box Gate Reset light is   | <b>OFF</b>       |
|                          | <b>RESET</b>  | The gate with <b>#11 RF</b> Sweep key at <b>4Z1 inner</b> gate box  |                  |
| <input type="checkbox"/> | <b>VERIFY</b> | LCP sees the gate is  | <b>RESET</b>     |
| <input type="checkbox"/> | <b>VERIFY</b> | The <b>4Z1</b> gate box Gate Reset light is   | <b>ON</b>        |
|                          | <b>OPEN</b>   | The gate  |                  |
| <input type="checkbox"/> | <b>VERIFY</b> | LCP sees the gate is  | <b>NOT RESET</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | The <b>4Z1</b> gate box Gate Reset light is   | <b>OFF</b>       |
|                          | <b>CLOSE</b>  | The gate  |                  |
| <input type="checkbox"/> | <b>VERIFY</b> | The <b>4Z2</b> gate box <b>Gate Reset</b> light is  | <b>OFF</b>       |
|                          | <b>RESET</b>  | The gate with <b>#11 RF</b> Sweep key at <b>4Z2 inner</b> gate box  |                  |
| <input type="checkbox"/> | <b>VERIFY</b> | LCP sees the gate is  | <b>RESET</b>     |
| <input type="checkbox"/> | <b>VERIFY</b> | The <b>4Z2</b> gate box Gate Reset light is   | <b>ON</b>        |
|                          | <b>OPEN</b>   | The gate  |                  |
| <input type="checkbox"/> | <b>VERIFY</b> | LCP sees the gate is  | <b>NOT RESET</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | The <b>4Z2</b> gate box Gate Reset light is   | <b>OFF</b>       |
|                          | <b>CLOSE</b>  | The gate  |                  |

**PLACE PEER 9 in Restricted Access (Mode 9)**

- |                          |               |   |               |
|--------------------------|---------------|---|---------------|
| <input type="checkbox"/> | <b>VERIFY</b> | <b>PEER 9</b> is in <b>Restricted Access</b>  | <b>MODE 9</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | The <b>4Z2</b> gate box <b>Restricted Access</b> light is                             | <b>ON</b>     |
| <input type="checkbox"/> | <b>VERIFY</b> | The warning lights and <b>LED message</b> on <b>both</b> sides of the gate indicates: |               |
|                          |               | <b>ACCESS PERMITTED GREEN</b>   | <b>ON</b>     |
|                          | <b>OPEN</b>   | Gate <b>4GI1</b> from <b>4Z2</b> with the <b>S</b> key                                |               |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>Tester</b> sees gate <b>4GI1</b> is  | <b>OPEN</b>   |
|                          | <b>OPEN</b>   | Gate <b>4GI1</b> with the <b>#11 RF Sweep</b> key                                     |               |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>Tester</b> sees gate <b>4GI1</b> is  | <b>OPEN</b>   |
|                          | <b>OPEN</b>   | Gate <b>4GI1</b> with <b>Blue Card</b>  |               |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>Tester</b> sees gate <b>4GI1</b> is  | <b>OPEN</b>   |
|                          | <b>CLOSE</b>  | Gate <b>4GI1</b>  |               |

**PLACE PEER 9 in Safe Access (Mode 1)**

- |                          |               |   |               |
|--------------------------|---------------|---|---------------|
| <input type="checkbox"/> | <b>VERIFY</b> | <b>PEER 9</b> is in <b>Safe Access</b>  | <b>MODE 1</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | The <b>4Z2</b> gate box <b>Restricted Access</b> light is                             | <b>ON</b>     |
| <input type="checkbox"/> | <b>VERIFY</b> | The warning lights and <b>LED message</b> on <b>both</b> sides of the gate indicates: | <b>ON</b>     |
|                          |               | <b>*Stop Call MCR For Exit x-7400 Stop AMBER</b>                                      |               |

- ☐ **CHECK** for test acceptance of **INNER GATE** at **4GI1**

**1.9 Verify Indicator Lights at OUTER GATE of 4GI1:**

- |                          |               |   |                |
|--------------------------|---------------|---|----------------|
|                          | <b>PLACE</b>  | <b>PEER 9</b> in <b>Controlled Access (MODE 18)</b>           |                |
| <input type="checkbox"/> | <b>VERIFY</b> | <b>PEER 9</b> is in <b>Controlled Access</b>                  | <b>MODE 18</b> |
| <input type="checkbox"/> | <b>VERIFY</b> | The warning lights on <b>both sides</b> of the gate indicate: |                |
|                          |               | <b>CALL MCR FOR CROSSOVER AMBER</b>                           | <b>ON</b>      |

- ☐ **CHECK** for test acceptance of **OUTER GATE** at **4GI1**



**END OF TEST PROCEDURE**

**TTL: Sign for completion of initial testing:** \_\_\_\_\_

**Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

**TTL: Sign for completion of final testing:** \_\_\_\_\_

**Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_